

From qrp-1@lehigh.edu Tue Sep 19 10:12:00 1995
From: "michael (w.m.) babineau" <babineau@bnr.ca>
Subject: [3272] Advice on Random Wire Antennas ?
Message-ID: <"17420 Mon Sep 18 13:05:57 1995"@bnr.ca>

Hi :

I'm one of those lucky people who happens to live a condominium townhome with a covenant restricting antennas. I decided that the quickest way to get my recently built Explorer on the air on 30M was to go the "invisible random wire" / tuner route. I'm looking to get the best performance I can out of this, given the circumstances and I would appreciate some advice with respect to grounding, as in the past I have only used "balanced antennas" (ie dipoles and loops).

My antenna setup consists of the following :

A piece of 22AWG magnet wire approx 40-45 ft long which is draping down almost vertically from the top of a 30ft spruce tree to 5ft off the ground where it runs horizontally along a fence (not touching) for 10 ft and then up another 10 ft into a 2nd story window where it then attaches to the back of my MFJ tuner via a short piece of 20 awg insulated stranded wire which I soldered to it to improve durability. Currently I have the rig grounded to the tuner via a short piece of copper braid and I have a 1/4 counterpoise for 30m attached to the ground on the tuner which runs on the floor along one wall of the shack.

The good news is that I am able to get it to load with the tuner, although the match is not great (1.5 : 1).

So the question is, what else should I be connecting to the ground post of the tuner? Is the counterpoise a sufficient "RF ground"? Should I be orienting the counterpoise in any specific direction with respect to the antenna? Any suggestions for improving the match?

I'd rather not run braid out the window to a ground rod as the covenant is quite specific about wires on the side of the building.

Michael
VE3WMB

P.S. If I can improve my aim with the slingshot, I plan to try to add a 30 ft horizontal section to the end of this, by putting a replacement wire up over the spruce and across to some other slightly higher trees another 30ft beyond. I'm hesitant to do this at the moment because it would be more visible, especially this time of the year when the neighbours are out in their back yards.

Also, I managed to bounce a few lead sinkers off of the roof of a neighbouring house, which is fortunately under construction and currently has no windows. My aim for the other trees would put me over inhabited territory.

From qrp-1@lehigh.edu Tue Sep 19 10:12:00 1995
From: Byron8LCZ@aol.com
Subject: [3286] Another QRP Afield bites the dust
Message-ID: <950918211611_22892507@emout06.mail.aol.com>

Hi !

Conditions were OK, could have been better, could have been _much_ worse.

Worked this one at home, too tired to get outdoors, conditions didnt sound favorable and I was still trying to get over the flu and didnt need to sit in the rain, if it rained. when i go "afield", it always rains, bet money on it. I stayed home and it was sunny and 20 meters opened up a little.....

Made 16 contacts on 20 meters and 31 contacts on 40 meters. 19 states and Canada

47 q's x 20 S/P/C's = 940 pts.

didnt hear anyone on 10m, 15m or 80m. didnt work any DX. Did anyone work HP1AC or V01DRB ? i talked to Kris OA4/KA20IG later and he didnt even know about the contest, plus i havent worked him yet in Peru. Only worked 1 CA and 1 OR, so the west coast sure wasnt comming in very well at all. Only worked 1 Canadian, a VE3 accross the river. Most of my contacts were East/West of Michigan. Very few Southern states and the ones i worked were weak. Such as Fran KA3WTF and Paul AA4XX in N.C.

The state I worked most often was New Hamshire, worked them 7 times. Hows that for a switch. Usually i worked NH once. Also worked 2 VT stations. I think i heard K5F0 at the start of the contest, but i'm not sure, it could have been W5F0 or N5F0.

>From the QRP-List I worked NN1G Dave, running a new experimental hush hush rig, I've already said too much, KC1GS Bill, AA1CA Tom, WK8S Pete, NF0R Dave, K3TKS Danny, W1FMR Jim (finally got him away from that Xtal controlled Pixie) and i'm sure many others.

also worked W9SCH C F Rockey from WI (Mi QRP mag) testing out a new antenna. Thats the only time i ever hear him on the air.

Heres the breakdown:

1600z - 1700z ate lunch, band sounded dead

1700z - 1800z 7 qso/hr

1800z - 1900z 8 qso/hr

1900z - 2000z ate some more lunch, heard nothing, looked through TV guide, just in case

2000z - 2100z 9 qso/hr

2100z - 2200z 16 qso/hr

2200z - 2300z 5 qso/hr

2300z - 2400z 2 qso/hr, 40m very noisy, ssb, tuning up, the usual noise

So its a rap, throw the antennas in the garage, short out the battery and set it on the concrete floor, relax. You've got 4 weeks before the next one. You'll need every day of it. Oh yes, the 20m SWR was 4 to 1 and I still made 16 Q's. Gotta remember to fix that darn antenna.

Its really surprising how many signals appear during a contest, when the bands sounded dead just hours before.

Worked a guy in England today, G4UJI, who was running a Rhombic at 55 ft. Both of our signal reports were the same 439. hmmm

72, Byron WA8LCZ Detroit Byron8LCZ@AOL..COM

From qrp-1@lehigh.edu Tue Sep 19 10:12:00 1995

From: Gary Newberry <gnewberry@iav.coast.net>

Subject: [3289] Century 22 for sale

Message-ID: <m0suuEm-0000t1C@simtel.Coast.NET>

Hi Gang,

I have a real nice Century 22 for sale, it includes the optional keyer and xtal calibrator, It covers 80 - 10 meters including 30 meters.(cw only) Power output is max 20 watts and can easily be turned down to QRP or QRPP levels. I am asking \$275.00 shipped conus.

72 73 Gary WB8POK

gnewberry@iav.coast.net

From qrp-1@lehigh.edu Tue Sep 19 10:12:00 1995

From: adams@chuck.dallas.sgi.com (chuck adams)

Subject: [3283] FOX: FOXHUNT SCHEDULE 1995 [long]

Message-ID: <199509190008.AAA00801@chuck.dallas.sgi.com>

Gang,

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| SECOND ANNUAL INTERNET QRP FOXHUNT SCHEDULE -- 1995 |
| Version 1.000 - Posted to QRP-L September 18, 1995 |
+-----+
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I have done the best that I could and I wish to thank everyone who is participating and those that wanted to participate, but this thing has gotten big. Just look at the number of man-hours that are set aside for this years big event. If I left anyone out, it was either oversight, stupidity, or lack of room on my part or the schedule. Omissions were not done on purpose.

For those in the newbie list of subscribers<less than a year> here is the info: (subject to slight changes at the whim of K5F0) :-)

1. Stations below are foxes.
2. They will come on at time periods shown and I have their states listed along with their calls, names and email adr. They will call CQ FOX and standby. Freqs will be 40M standard QRP calling freqs of 7.040MHz and 7.110MHz and it is up to the limitations of the fox as to what time spent in each segment. Sometimes their rig will only do the lower limit. The usual plus or minus frequency deviations apply due to QRM, dial calibrations, etc. Deviations in schedule will be posted to the list ASAP, but there are no guarantees in life.
3. All foxes will be QRP and you must be QRP too to be in the running for the prizes, which are being accumulated and will be announced at a later date. At the present time consisting of the new NN1G kit (donated by K5F0), MXM 40M XCVR (donated by WA6IVC), one year sub to Worldradio (donated by KI6SN), one year QRPP sub (donated by KI6DS), two MI-QRP mugs and one QRP ARCI mug (WB89ZJL et.al.), and more to come as soon as I receive word. Only members of the qrp-l mailing are eligible for the prizes. You need to be a member just to keep up with the schedule changes and the fun postings. ;-) :-)
4. You work the guy and you get one point and he gets one point. Exchange RST, QTH, power level, and name or whatever. A point will be given even if only the call is all that is exchanged. It is information. Work each fox no more than once per night as this henders others and will be considered unsportsmanlike conduct. Fox may work QRO stations too that call.

Fox will post results within a few days of their time period.

K5FO will post periodic standings for the top scores.

5. Two groups, foxes and hunters. Highest score in each group gets a big prize. Limit one prize per entry, i.e. a fox cannot also take first in the hunter category too. Final results to be determined by K5FO and the decision of the judge(s) is(are) final. Certificates for working more than 10 separate foxes and special categories such as: most miles per watt, least miles per watt while still QRP (blocks per watt?), most states worked, etc. will be given out. Fun stuff.
 6. I think that's all. It's supposed to be fun and not complicated.
- A. The purpose of this exercise is not a contest. It is and has always been to generate QRP on the air activity during the week, when there are not big contests in progress, just this one :-). This exercise/event/hunt/contest/etc. ... is probably the longest running official test of it's type in the world. Noone else would try this, for sure. Remember, it's just a hobby.
 - B. The foxhunt helps this group test out rigs, show off operating skills, develop operating skills, test antennas, etc. I still feel strongly that QRPers have got to get on the air. What good is it to spend a lot of time and money of building, etc. and not put the rig(s) on the air to have fun with? We gotta hold on to the electromagnetic spectrum by using it. IMHO.
 - C. We do CW only for this one, 'cuz the majority (at the present time) of QRP work is done via CW and it simplifies things for this event. The fox will go at your speed, so if you think you are too slow - don't worry.
Last year there was another group that did a SSB fox hunt.
 - D. This posting may be reproduced in QRP newsletters with all the info intact but modified for formatting issues.
 - E. A copy of this notice and any updates will be placed at the ftp.LeHigh.edu site in October so that it doesn't have to be reposted in it's entirety to this group. :-) And will be updated as needed.
 - F. After working a fox, the "hunters" should move off freq and work other members of the group. In those cases where there are two foxes on at the same time they should be spaced apart to eliminate congestion.
 - G. Postings to this group re this event should start with FOX: in the subject line so that those individuals that want to automate their mailers to "kill" such postings may do so. :-)
 - H. Mark your calendars up and good luck to all and let us all hope for fantastic propagation. May your weak signal be strong, go far, and be heard by all.
 - I. And, of course, the rest of the week is open for general QSOs too. Keep those rigs warmed up and on the air.
 - J. I'll make up a cheatsheet like we did last year so that you'll be able to have something at the rig position to let you know who's who. This will put at the ftp site.

[In the spirit of the W03B-K5F0 30M boxing match, the heavy weight DX NorCal 40 champ on 40M, none other than Stan N6ULU and I will start with a country count of zero (he already has over 100 countries on 40M with his NorCal 40) at 0000Z Oct 1, 1995. The race is on til March 1, 1996 for a new country count. I will be using 0.95W for all contacts. Stan will be using his antenna farm out of the "left coast of the USofA. I consider this little event as an incentive plan to get me to chase DX. Bookies are standing by to take your bets on the final country count. Can Chuck work 20, 30, 40, or more? Inquiring minds don't care. :-)]

-----THE SCHEDULE OF FOXES-----

NOTE: All times are in local EVENING times for the fox. We tried UCT last year and it still confused people. Everybody knows that QRPers like to sleep late so evenings only. :-) There may be some errors as to when Daylight savings starts, ends, but you get the picture.

Week Of

October 1, 1995	--					
Tuesday	October 3, 1995	---	8-10EDT	KV2X	Tom	
Thursday	October 5, 1995	---	8-10CDT	NA5K	Smitty	
October 8, 1995	--					
Tuesday	October 10, 1995	---	9-11EDT	N2CX	Joe	
Thursday	October 12, 1995	---	9-11EDT	WA4NID	Dave	
October 15, 1995	--					
Tuesday	October 17, 1995	---	9-11EDT	W03B	Bob	
Tuesday	October 17, 1995	---	7-9 MDT	AB50U	Tim	
October 22, 1995	--					
Monday	October 23, 1995	---	7-9 CST	NA5N	Paul	
Wednesday	October 25, 1995	---	8-10EST	KJ4XR	Ken	
October 29, 1995	--					
Monday	October 30, 1995	---	8-10EST	WB3GCK	Craig	
Thursday	November 2, 1995	---	7-9 MST	WW7Y	Steve	
November 5, 1995	--					
Tuesday	November 7, 1995	---	8-10MST	NQ7K	Mike	
Thursday	November 9, 1995	---	8-10EST	N4AOX	Clay	
November 12, 1995	--					
Tuesday	November 14, 1995	---	7-9MST	KK6MC	Jim	
Thursday	November 16, 1995	---	8-10CST	AA0XZ	Greg	
November 19, 1995	--					
Tuesday	November 20, 1995	---	8-10CST	NN9K	Pete	
Wednesday	November 22, 1995	---	8-10PST	N9UXU	Dave	
November 26, 1995	--					

Tuesday	November 28, 1995	---	9-11EST	WB8ZJL	Paul
Thursday	November 30, 1995	---	8-10EST	WA3NNA	Pete
December 3, 1995 --					
Monday	December 4, 1995	---	9-11EST	AA4XX	Paul
Thursday	December 7, 1995	---	7-9PST	N6ULU	Stan
December 10, 1995 --					
Monday	December 11, 1995	---	8-10MST	NQ7K	Mike
Thursday	December 14, 1995	---	8-10EST	WJ2V	Preston
December 17, 1995 --					
Tuesday	December 19, 1995	---	8-10CST	NA5K	Smitty
Wednesday	December 20, 1995	---	8-10EST	KJ4XR	Ken
December 24, 1995 --					
Tuesday	December 26, 1995	---	7-9MST	AB50U	Tim
Wednesday	December 27, 1995	---	7-9EST	W6T0Y	Bruce
January 7, 1996 --					
Tuesday	January 9, 1996	---	8-10EST	KV2X	Tom
Thursday	January 11, 1996	---	7-9MST	WB4ZKA	Mike
January 14, 1996 --					
Monday	January 15, 1996	---	8-10CST	NA5N	Paul
Tuesday	January 16, 1995	---	8-10EST	WJ2V	Preston
January 21, 1996 --					
Tuesday	January 23, 1996	---	9-11EST	WB8ZJL	Paul
Wednesday	January 24, 1996	---	7-9MDT	KK6MC	Jim
January 28, 1996 --					
Thursday	February 1, 1996	---	9-11EDT	N2CX	Joe
Thursday	February 1, 1996	---	9-11PST	N6ULU	Stan
February 4, 1996 --					
Tuesday	February 6, 1996	---	7-9CST	AA0XZ	Greg
Thursday	February 8, 1996	---	8-10MST	WW7Y	Steve
February 11, 1996 --					
Tuesday	February 13, 1996	---	8-10CST	NN9K	Pete
Thursday	February 15, 1996	---	8-10EST	WA3NNA	Pete
February 18, 1996 --					
Monday	February 19, 1996	---	8-10EST	WB3GCK	Craig
Tuesday	February 20, 1996	---	9-11EST	W03B	Bob
February 25, 1996 --					
Monday	February 25, 1996	---	9-11EST	AA4XX	Paul
Thursday	February 28, 1996	---	9-11EST	WA4NID	Dave
March 3, 1996 --					
Wednesday	March 5, 1996	---	6-8 PST	N9UXU	Dave
Thursday	March 6, 1996	---	8-10EST	N4AOX	Clay
March 10, 1996 --					
Tuesday	March 12, 1996	---	8-10EST	W6T0Y	Bruce
Thursday	March 14, 1996	---	7-9MST	WB4ZKA	Mike

LIST OF FOXES

Call	Name	State	email address
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AA0XZ	Greg Nunn	MO	genunn@mmm.com
WJ2V	Preston Douglas	NY	pdouglas12@aol.com
N2CX	Joe Everhart	NJ	jeverhart@cayman.vf.mmc.com
KV2X	TJ Jennings	NY	jennings@eng16.rochny.uspra.abb.com
WB3GCK	Craig LaBarge	PA	74740.3166@compuserve.com
WA3NNA	Pete Rossi	PA	rossi@vfl.paramax.com
W6TOY	Bruce Muscolino	MD	bruce3900@delphi.com
W03B	Bob White	MD	bob_white@ccmail.aerosys.loral.com
KJ4XR	Ken Evans	GA	evans.ken@wgs-2.bwi.bls.com
AA4XX	Paul Stroud	NC	aa4xx@nando.net
N4A0X	Clay Wynn	TN	wyn@stc06.ctd.ornl.gov
WA4NID	Dave Johnson	NC	djohnson@acpub.duke.edu
AB50U	Tim Pettibone	NM	tpettibo@nmsu.edu
NA5N	Paul Harden	NM	pharden@aoc.nrao.edu
KK6MC	Jim Duffey	NM	ji3m@scubed.com
NA5K	Smitty Smith	TX	hbs@crl.com
N6ULU	Stan Goldstein	CA	stan@cruzio.com
N9UXU	Dave Adams	CA	dave@flowserver.stem.com
WB4ZKA	Mike Pulley	AZ	mike_j_pulley@ccm.hf.intel.com
NQ7K	Mike Conner	AZ	mikec@primenet.com
WW7Y	Steve Kubisch	UT	kub@upl.com
WB8ZJL	Paul Valko	MI	prvalko@Oakland.edu
NN9K	Peter Beedlow	IL	pb13128@deere.com

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Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-l@lehigh.edu Tue Sep 19 10:12:00 1995
From: "rohre" <rohre@arlut.utexas.edu>
Subject: [3282] FS: Tejas Backpacker 40M transceiver
Message-ID: <n1400671879.20087@msmailgw1.arlut.utexas.edu>

This is a rig owned by a friend, Tom Casey who used to be on the list.
(TXREP@aol.com) Please reply directly to him.

Tejas Backpacker II unbuilt 40M kit CW QRP transceiver, (DC receiver). \$100

(That is about \$40 to 50 less than the kits go for today)

Tom says he has just got too much else to do, and this kit has been sitting around unbuilt too long.

Again, please reply directly to Tom, but whomever closes a deal, please tell the list it is sold when you do.

Thanks,
Stuart K5KVH

From qrp-l@lehigh.edu Tue Sep 19 10:12:00 1995
From: Goran Hosinsky <hosinsky@royac.iac.es>
Subject: [3268] Help with connectors
Message-ID: <199509181505.LAA82284@nss2.CC.Lehigh.EDU>

Forwarded to: DDN[QRP-L@LEHIGH.EDU]
cc:
Comments by: C BAILEY@IS@211EIS
Comments:

Here's how we are instructed to install these:

- Step 1. Cut off end of cable squarely. Remove 3/4 inch of vinyl jacket.
- Step 2. Fan braid and fold back.
- Step 3. Position adapter so that braid is down over the body of adapter and trim to 3/4 inch. Bare 5/8 inch of center conductor. Tin exposed center conductor.
- Step 4. Screw plug subassembly on adapter. Solder assembly to braid

through solder holes. It will seem loose and it is. Solder center conductor to contact.

Step 5. Screw coupling ring on plug assembly.

----- [Original Message] -----

Last time I was over to our neighbourhood island, Tenerife, where there are some electronic shops I bought a bunch of PL-259 with adaptors for RG58 (I thought). Tonight I was starting to solder them when I found that they did not have adaptors but were like the PL-259 for RG8, only with a RG58 hole on them. So far so good, they screw nicely onto the RG58, center braid comes out where it should

BUT

when I started to solder the braid I found that it was flopping around inside the holes. The inside diameter of the connector where the braid should be soldered is too big. It is even greater than the diameter where the connector screws on the the RG58 including isolation.

There must be a way to mount them, otherwise they would not be fabricated (I suppose). But how? And I did buy a bagfull to construct my central switchboard for the shack.

Please tell me how!!

73 Goran ea8yu hosinsky@royac.iac.es

Cam Bailey
SOGNET LAN Administrator (Banyan)
211 Engineering Installation Squadron
Fort Indiantown Gap (Annville) PA
DSN: 491-8737 Comm: 717-861-8737 FAX: 8268

From qrp-1@lehigh.edu Tue Sep 19 10:12:00 1995
From: Dennis Blanchard <djade@hampstead.k12.nh.us>
Subject: [3277] JADE PRODUCTS, INC. HomePage
Message-ID: <Chameleon.4.01.950918170411.djade@K1YPP.hampstead.k12.nh.us>

Name: Dennis Blanchard
E-mail: djade@ra.hampstead.k12.nh.us (Dennis Blanchard)
From qrp-1@lehigh.edu Tue Sep 19 10:12:00 1995

From: SYDV00A@prodigy.com (MR FLOYD E SMITHBERG)
Subject: [3275] KC-1 FOR 40A v.B
Message-ID: <013.01490608.SYDV00A@prodigy.com>

Just finished KC-1 kit from Wilderness Radio. Another beautiful, quality kit that provides a 7-50 wpm keyer with memory for multiple messages and audible cw readout of vfo frequency. Controls are two pushbutons for message and frequency functions and the paddle for selecting various modes. All this on a 0.8 x 2.5 inch dble side silkscreened pc board. I generally followed the manual but used RG174 for dot/dash lines to new stereo jack for paddle mounted on back panel (left original key jack connected) and bypassed leads at jack w/.01. Also ran audio out from KC-1 to 40A AF amp with RG174 and did not use RA or CA as am not using KC-1 sidetone. Additionally had to increase CV to 10pF to read VFO freq. Installed CV from RFC2 left pad directly to KC-1 board at V. Current drawn is only 4mA or total of 21mA for completed NorCal 40A. Makes a great 2 watt QRP rig for portable or bedside monitor and with a 4AH battery I get a couple weeks/charge.
73 Floyd NQ7X

From qrp-l@lehigh.edu Tue Sep 19 10:12:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [3285] Logo
Message-ID: <199509190026.AAA00819@chuck.dallas.sgi.com>

Gang,

I had previously posted that we'd close submissions on the Internet QRP group (a name that I picked in the posting and it doesn't have to be the official name) logo at some time, but maybe now that people have drawn some up, we can get others to join in. How about until the 23rd?

Richard Haynes had one of them printed out at the QRP Afield site for NorTex and it looked good. I was hoping for something simple that would be cheap to do into a patch, name badges, etc., but whatever the group decides.

We'll start the vote the week of the 25th and stop voting noon CST on the 29th, just so we can get on with other things. The purposes of the logo was a indentifying mark to be used in patches, on qsl cards, etc.

Get them in ASAP and the voting can begin on Monday the 25th.

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Tue Sep 19 10:12:00 1995
From: Steve.Hideg.1@nd.edu (Steve Hideg)
Subject: [3293] Logo
Message-ID: <v02130501ac847301e5eb@[129.74.35.16]>

I have just uploaded the following files to qrp.cc.nd.edu and ftp.lehigh.edu:

n8hsc.gif - an 8-bit GIF format of my original logo
n8hscpatch.jpg - a 24-bit simplified version for use on embroidered patches
n8hscpatch.gif - an 8-bit version of the patch artwork

Those of you with 8-bit displays may find the gif files better to view.

The "patch" files are simplified versions for use on embroidered patches.

--Steve

Steve Hideg Macintosh Consultant/Analyst

Office of University Computing	Telephone: (219) 631-EXAM
G034 Computing Center/Math Building	E-mail: Steve.Hideg.1@nd.edu
University of Notre Dame	URL: http://www.nd.edu/~shideg/
Notre Dame, IN 46556	Ham Radio: N8HSC/9

The road to Enlightenment is long and difficult.
(So bring snacks and a magazine.)

From qrp-1@lehigh.edu Tue Sep 19 10:12:00 1995
From: jaydhall@everest.iccy.com
Subject: [3271] logo vote
Message-ID: <95Sep18.095416mdt.17033@gabriel.iccy.com>

Well I have looked at the five logos that have been submitted. I think they are all good. If I have to make a choice, I choose

KF2PH. Did not know where to send my vote so am posting it to list.

Happy Monday!

Jay D. Hall
jaydhall@iccy.com

From qrp-1@lehigh.edu Tue Sep 19 10:12:00 1995
From: Jeff Gold <JMG@tntech.edu>
Subject: [3265] OHR-4 bander, progress report
Message-ID: <01HVEZWDD7MAHYSX0F@tntech.edu>

Howdi from Tennessee,

well things here have been quite hectic, but been using the building of the 4 bander as therapy. I made myself a promise that I wouldn't be compulsive.. would only work on it as a therapeutic measure-for enjoyment purposes only.

I have the receiver board and the oscillator board completely built. I found they went together very fast, despite the number of parts on each board. You soughtha build the boards in reverse order of difficulty, in my opinion. The receiver board is small and the parts are densely packed. The Oscillator board is a little bigger and the parts are a little further away. The T/R board is big, with plenty of room.

The boards are going together with no surprises (which for me is a big measure of the fun I have building the kit-hate when something is unclear or confuses me, or not sure of which part goes where or how do identify a part because it is marked in some unusual way).

Note that these are the best boards I have come across.. the up side is that it is very easy to solder on and the connections are incredibly strong. The down side is that when you put those parts on the wrong place.. not easy to convince them to come out. Well every once in a while work on the board and have sinus problems are I get overwhelmed with pure stupidity (like putting the crystals on the oscillator board in the wrong places.. because I didn't read the directions.. and thru my mind.. there was 4 crystals.. must be matched.)

Only criticism is very minor..the numbering of parts on the oscillator board was confusing to me.. couldn't figure out the

pattern.. could be me and not the board.. would be interesting to hear from someone else who has built it.. the parts overlay compensated.. so didn't really present much of a problem.

Had some inquiries from beginners.. there are a lot of parts.. but the parts are so good and the directions clear enough that the kit shouldn't present much of a problem building.. may need some help aligning (will know more later).

73,72

Jeff, AC4HF

From qrp-1@lehigh.edu Tue Sep 19 10:12:00 1995
From: N8CQA@aol.com
Subject: [3276] Pixie Kits
Message-ID: <950918162809_102522526@mail06.mail.aol.com>

Don't remember who asked, but here's 2nd try to get this out.

Pixie kits (w/pcb and xtal) from Halted Specialities 1-800-4 HALTED. I believe the cost was \$9.95 + S&H.

The usual disclaimer applies.

72/73 Buck

From qrp-1@lehigh.edu Tue Sep 19 10:12:00 1995
From: swgate3!STLMAIL7!MK2331@Lehigh.EDU
Subject: [3292] Pixie-2 kits
Message-ID: <m0sv29m-0000rGC@swgate3>

Microsoft Mail v3.0 IPM.Microsoft Mail.Note
From: KASTIGAR, MATTHEW (MM)
Subject: Pixie-2 kits
From qrp-1@lehigh.edu Tue Sep 19 10:12:00 1995
From: jcumming@clark.dgim.doc.ca (Jim Cummings)
Subject: [3294] Postal Rates from US to Canada
Message-ID: <9509191354.AA09883@clark.dgim.doc.ca>

Greetings to all:

Firstly, I am pleased to announce that I worked XR0Y last night on QRP Baudot. I suspect, however, there will be those who will dispute my contact

as a violation of the true spirit of QRP because my transmission line was a nice chunk of freshly installed 5/8ths-inch heliax, instead of RG-174 (let alone the fact that I used an A4S yagi). Let them eat cake!

Actually my query is to find out if anyone would know offhand the mailing rates from the US to Canada. I know that there has been an increase, but what is it? I ask this because yesterday, I recieved my QSL card from N5FTR who is the QSL manage of 9M8BT (Nope, not QRP, but at 150 watts out). I had sent N5FTR and SASE with 40 cents of US postage for the reply. Yet there was a stamp on the envelope demanding an addition 24 cents in postage. Has the mailing rates to Canada indeed increased by over 50 per cent?

In advance, thank you for taking the time for a reply.

```
=====
                Jim Cummings
      eMail:jcumming@clark.dgim.doc.ca
packet:VE3XJ@VE3JF.#EONT.ON.CA.NOAM
      73 and live better digitally
      DON'T GET TOO EXCITED...
      because remember, today is the first
      day of the rest of your life.
=====
```

From qrp-1@lehigh.edu Tue Sep 19 10:12:00 1995
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: [3288] qrp freqs in Canuck study guide
Message-ID: <Pine.SUN.3.91.950918213541.27619C-100000@ume>

My 8 y/o harmonic about to start basic ham radio class this fall.
(I think the promise of a 2m hand held for show in tell in grade 3 might be an incentive)
Anyway, I am having lots of fun relearning the fundamental basics as I try to explain inductance, impedance etc.
Thought you guys might find it interesting that the Canadian study guide LISTS the QRP freqs in the chapter entitled "waves, wavelength, frequency and bands".....how about you folks south of the border?

Dr. Rick Zabrodski BSc, MD, CCFP(E)	*	VE6GK
Email: zabrodsk@med.ucalgary.ca	*	NorCal 519 ARCI 7650 GQRP 8329
Phone 403-271-5123 Fax 403-225-1276	*	"Power is no substitute for skill"

From qrp-1@lehigh.edu Tue Sep 19 10:12:00 1995
From: davida@utw.com (David A McPhie)
Subject: [3284] qrp + for sale
Message-ID: <199509190011.SAA13680@stellar.comnet.com>

Dear Folks, :ove my Index Labs QRP Plus serial no 814, but must sell. Has updated chip for 1 wpm increments on cw. I also hve the compatible Icom hc-65 mic. mint cond. will sell both for \$500.
call Dave WA7YCA at 1 801 2782257 eve or e-mail 73s Dave

From qrp-1@lehigh.edu Tue Sep 19 10:12:00 1995
From: Craig LaBarge <74740.3166@compuserve.com>
Subject: [3280] QRP Afield
Message-ID: <950918223200_74740.3166_EHB135-1@CompuServe.COM>

After missing last year's QAF due to a family medical emergency, I finally made it into the field for this event. I headed up to French Creek State Park in Berks County, Pennsylvania intending to operate near the fire tower there. The spot I had in mind had great elevation and was fairly secluded. When I arrived, however, there was a locked gate closing off the road leading up to the fire tower. Hummmph!

So, I found a vacant group camping area about a mile away and located a picnic table situated under a tree with a perfect branch for my inverted vee. Using a golf ball with some monofilament line taped to it, I managed to catch the branch on the first toss. (I like when that happens!) Somewhere during the process of setting up, however, I cut my finger and it began to bleed like crazy all over the place. Using some electrical tape and a paper napkin left over from MacDonald's, I fashioned a temporary bandage and continued to set up (feeling a bit like McGiver (sp?) at this point, I might add). :-)

In spite of all of the delays, I managed to get on the air right at 1600Z. I used my trusty SW-40 (950 mW), homebrew paddles, and my CMOS Super Keyer II (which was making its debut in the field). Forty meters seemed to fade in and out, but I managed 26 QSOs and 13 multipliers. A few of the QRP notables I worked included: W1FMR/M, NN1G, K3TKS, and N2CX. I heard K5F0 towards the end of the day, but couldn't get his attention. Dark clouds starting rolling in and it was getting pretty chilly, so I packed up after 5 and a half hours.

It sure was a fun way to spend the day (finger notwithstanding). I sure do love this outdoor QRP stuff!

73, Craig WB3GCK

From qrp-1@lehigh.edu Tue Sep 19 10:12:00 1995
From: George.Gingell@bbs.abs.net (George Gingell)
Subject: [3291] QRP NET SCHEDULE
Message-ID: <1995Sep19.084239.20735@abs.net>

QRP ARCI 1995 NET SCHEDULE

NET	QRG	NCS	DAY/HR	UTC
TCN *	14060	NCS-W5LXS ANCS-K2LGJ	SUNDAY	2300
TCN remains at 2300 UTC Sunday Night Year-round, Except on night of QRP Contest when it Meets at 2400 UTC				
SEN **	7030	NCS-K3TKS	+WEDNESDAY	0100
	3535	ANCS-AA10C		0130
(Always 8 P.M. on Tuesday Night EST/EDT)				
GSN	3560	NCS-W5TTE	+THURSDAY	0200
GLN	3560	NCS-NN1G ANCS-WA1JXR	+THURSDAY	0200
(Always 9 P.M. on Wednesday night EST/EDT)				
NEN	7040-41	NCS-WA1JXR ANCS-K3TKS	SATURDAY	1300
(Always 8 A.M. on Saturday morning EST/EDT)				
WSN-80	3558	NCS-KI6SN ANCS-W6RCP-WA6ARA	+THURSDAY	0300
(Always 8 P.M. on Wednesday night PDT)				
WSN-40	7039	NCS-W6JHQ ANCS-W6JHQ-W6RCP-W6SIY-NJ7M	SATURDAY	1700
(Always 9 A.M. on Saturday morning PST/PDT)				

* On weekends of major contests TCN will meet one hour later.

** If conditions on 7030KHz are poor, QSY to 3535KHz at 0130 UTC,
(0030 UTC Spring/Summer).

+ Evening of the day before of W/VE.

ADJUST ALL UTC TIMES TO 1 HOUR EARLIER WHEN LOCAL TIME SWITCHES
TO DAYLIGHT SAVINGS TIME IN SPRING, UNLESS OTHERWISE NOTED.

Please note that 3535KHz is the Michigan QRP Club Net Frequency
at 0200 UTC. (Always 9 P.M. on Tuesday Night) (chk also 3536KHz)
MI QRP Welcomes all who are interested in QRP to QNI on the Net.
Jerry - K8JRO - is Net Control Station for Michigan QRP Club.

OTHER QRP NETS ===== CHECK-IN for the latest QRP News. =====

BC Group (SSB)	3729			Every Evening	0300/0530	UTC
MI-QRP	3535	K8JR0	[Tue.]	+WEDNESDAY	0200	UTC
NE-QRP [SSB]	3855	WA1JXR	[Mon.]	MONDAY	2100	EST
NEIQS (NE illinois QRP)	3560		[Thur]		0200	UTC
OK QRP Group	7060 or 3560		[Sun.]		1330	UTC
NW-QRP	10123	N7MFB	[Mon.]	+TUESDAY	0200	UTC
NW-QRP Ragchew	7035		[Sat.]		0730	WST
TCSN [SSB/CW]	28.322 or 7285	KA9JKK	[Sat.]	SATURDAY	1900	UTC
VE-QRP	14060	VE6BLY	[Sun.]	SUNDAY	1800	UTC

Please remember to tell your friends about the QRP Nets,
 They might decide to join us after seeing how friendly we can be.
 Yes, the keyboard can also QRS ! (Slow Down). 72 ES QRP DX TU DANNY, K3TKS

WARNING ! QRP NETS have been proven to be addictive.
 Permission is Granted to Freely Copy and Distribute this Schedule.

Please send changes and Net Reports to K3TKS @

QRP ARCI NETWORK MANAGER - Danny Gingell, K3TKS (C) 1995
 (301)572-6789 or Packet K3TKS @ WB3FFV.MD.NOAM.USA
 Internet - k3tks@bbs.abs.net Last Updated - September 19, 1995

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George Gingell, user of the UniBoard System @ abs.net
 E-Mail: George.Gingell@bbs.abs.net
 The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
 Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From qrp-1@lehigh.edu Tue Sep 19 10:12:00 1995
 From: mvjf@mvubr.att.com (James M Fitton 508 960 2577)
 Subject: [3290] QRP-AField
 Message-ID: <9509190606.AA26916@ig1.att.att.com>

W1FMR did QRP-AField while mobile on 40m with a Hamstick on
 single magmount held down with straps and gutter clips, and had
 an absolute blast.

Worked 15 stations from various places along the NH coast, incl.
 1 other QRP mobile stn. on a mountain top using an Outbacker ant.

Also had an interesting QSO with a station who ran 100w mobile on
 a Honda Gull Wing Motorcycle going 70mph along the freeway in NJ.
 He wrote an article for QST and Ill have to look it up.

Heard many stations working K1LGQ, and heard AE1D, tried to work him numerous times but alas, he didnt hear/answer me.

Loudest sigs heard were AA1CA running 900mw on a Vee beam in Stratham NH, and K3KMO/m (motorcycle).

While wandering up the coast, I settled on a spot which will be next year's operating loc. A small parking lot about 10 feet away from the water, and 7 feet above it at high tide. It overlooks a small bay facing west where many lobster boats, sailboats, and a large tour boat anchor at dusk. Public restrooms and water are 500 feet away and the sunset is spectacular. Several other cars-in-the-know arrived at sunset. Men in cars romanticizing thier honeys, and me alone with my radio...

Anyone interested in next year ? (radio only)

72 Jim W1FMR

From qrp-1@lehigh.edu Tue Sep 19 10:12:00 1995
From: JEGGER <E7E3EGG@TOE.TOWSON.EDU>
Subject: [3269] Scout vs TS-50S?
Message-ID: <01HVF3NEKPT49TDH1H@TOE.TOWSON.EDU>

I'm thinking of buying one of these rigs (an upgrade from my Century/21) and wonder if anyone has advice. The small size is partly because I may use it in our vacation place (more or less literally a "shack" in the woods). The price difference seems to shrink pretty fast when the Scout is equipped. I've always been a CW-only operator, specializing in the NTS traffic nets. I invite private responses if you think most members of this board wouldn't be interested.

73, John K3GHH

From qrp-1@lehigh.edu Tue Sep 19 10:12:00 1995
From: bh719@Freenet.UCHSC.EDU (Patrick Cook)
Subject: [3279] UNSUBSCRIPTION PROBLEM
Message-ID: <199509182204.QAA25220@Freenet.UCHSC.EDU>

Hello all:

Since this list is as active as it is, and with the email address changes going on over here, as well as the size of my mailbox, I'm gonna move QRP-L over to my account on Netcom.

But I have one small problem.

Because of the email address changes imposed by the system, I can't unsubscribe normally because majordomo has one domain address (bh719@freenet.hsc.colorado.edu) and the system is using the new domain address. Can one of the list administrators unsubscribe my account here from QRP-L if it is not already done???

I apologize for having to send this directly to the list. Many thanks in advance, and 72/73's for now, my friends!

DE KB00XD

--

From qrp-l@lehigh.edu Tue Sep 19 10:12:00 1995
From: AE4KN@aol.com
Subject: [3278] Re: Advice on Random Wire Ant...
Message-ID: <950918174425_22676625@mail06.mail.aol.com>

To keep my parents happy, I used a random wire, but in a loop configuration. It's pretty close to a square, and at about a 30 degree upward angle. I use an MFJ tuner, and got a 1:1 SWR, but my tuner is one of those delux thingies with tons of setting, not just A B C etc etc. DX is great with only 50 watts out, to me, seems to work best in the direction that the feedline is attached to. i.e, my feed line attaches at the north side, and I get best sigs to the north. It's fed with 300 ohm tv wire from radio shack, except where it enters the shack, where I splice it to 50 ohm coax, no balun or anything. By the way, total perimeter is about 100 feet, so 25 per side.

Well, that's my experience, hope it helps.

73 de AE4KN, Chris

From qrp-l@lehigh.edu Tue Sep 19 10:12:00 1995
From: "rohre" <rohre@arlut.utexas.edu>
Subject: [3273] RE: Advice on Random Wire Antennas ?
Message-ID: <n1400692122.97634@msmailgw1.arlut.utexas.edu>

Counterpoises and their antenna:

If you are using a random wire in place of a balanced dipole, then it is definitely a good thing to have the 1/4 wave counterpoise attached to the ground on the tuner.

The action of groundplanes and counterpoises and radials is to increase the pickup of the antenna in the direction of the radial. Thus, the ideal counterpoise would assist your antenna by being placed to the directions you wish to cover, in the case of radials on a vertical; or behind or below the random wire, depending on the length of the random wire and the counterpoise. A counterpoise shorter than the random wire would work more like a director, while one longer than the antenna would work more like a reflector. The counterpoise could be placed off the ground, if the antenna is very high above it, say a quarter wave. It could then be made to look like a clothes line, or garden aid to climbing plants. Alternately, an insulated counterpoise wire could be discreetly run along the top of a fence, or under the rail of a wood fence.

Little has been in the ham press in the last 20 years on counterpoises at all, but running one slightly under the surface of the ground as radials are done, should be useful in those cases where nothing else can be done. Someone could do these experiments and further the knowledge of us all.

Because of the problems that can appear as RF in the shack, I favor resonant antennas over truly random wires; that way, I have a better idea where to expect RF voltage peaks and avoid tuner problems. An end fed resonant wire could have a counterpoise just as a random wire, and might give better results.

For concealed antennas, one should not overlook resonant dipoles in an attic, or discreetly stapled under the eaves with small wire, wrapping around the ends of the house if necessary to get the length you need.

The original post did not relate the type of soil or earth under the antenna, and in areas of poor soil conductivity, such as tropical and desert soils; a very long wire without a counterpoise can produce unuseable RF in the shack.

This should not be overlooked if one puts up only a random wire, and then has tuning problems. I see no reason why multiple quarter wave counterpoises would not improve such a case. If at all possible, the counterpoises should be outside just like an antenna. For after all, what the counterpoise is doing is providing the random wire with the "missing half" of the dipole it wants to emulate.

For those who want to experiment a bit: The assertion that the radial or groundplane improves the pickup in the direction it is extended from the receiver is easily demonstrated at VHF with even weak FM signals of less than

full quieting. They can be brought up to full quieting by augmenting the whip on a portable VHF receiver, (like a rubber duck) by placing the radio on a piece of kitchen aluminum foil at one corner, so as to place more foil between the radio and the incoming station. With the radio on the foil there will be more signal than the radio sitting in the same spot with no foil under it. The foil should be at least a quarter wave on a side. Another interesting exercise closer to this case is to place a quarter wave VHF radial on the grounded metal of the VHF radio, and see the signal enhancement as the direction of the radial is varied toward or away from a known station.

Hope this helps,
Stuart K5KVH

From qrp-l@lehigh.edu Tue Sep 19 10:12:00 1995
From: prvalko <prvalko@Oakland.edu>
Subject: [3287] Re: FOX: FOXHUNT SCHEDULE 1995 [long]
Message-ID: <Pine.OSF.3.91.950918214038.31547A-1000000@saturn.acs.oakland.edu>

Just a couple of additions...

On Mon, 18 Sep 1995, chuck adams wrote:

> one year QRPp sub (donated by KI6DS), two MI-QRP mugs and one
> QRP ARCI mug (WB89ZJL et.al.), and more to come as soon as I receive word.
^^^^^^

My call is quite long enough on CW as it is, Chuck ;-)

L: And Please... No wagering!

73! =paul= wb8zjl

ObQRP : My friend Doug N8PYN stopped in at a garage sale last week and walked out with a Ten Tec Argonaut 509, PS, Microphone, and audio filter for \$65. Don't EVEN think about asking if he wants to double or triple his investment 'cause I already asked him and he said NO. Doug is a tech-lite by the way and now claims some motivation to work on the code.

I also went against my personal motto, "You never win buy selling a QRP rig," by letting my trusty 9040 go for the low low (high) price of \$140. I'll hafta get a a KC-1 for the NC40a now as I'll miss the keyer/filter combination the MFJ packed.

From qrp-1@lehigh.edu Tue Sep 19 10:12:00 1995
From: GREGOIRE@VALLEY.NET (ERNEST GREGOIRE)
Subject: [3266] Re: QRP AFIELD - I can't wait for the next one!
Message-ID: <199509181443.KAA13251@dartvax.dartmouth.edu>

>To: k1lgq@dennis.mv.com
>From: GREGOIRE@VALLEY.NET (ERNEST GREGOIRE)
>Subject: Re: QRP AFIELD - I can't wait for the next one!
>
>Hello Dennis, Boy, what a story!
>
>This means that you must appease the gods of silicon by building more rigs.
>(Just in case)
>
>73 de AA1IK
>
>
><SNIP>
> QRP AFIELD is now history and the pencils, logs and card tables are
>>put away and did I have a great time!
>>
>>
>>Dennis Marandos- K1LGQ
>>Editor - New England QRP Club newsletter
>>-----
>> The Greeks Have A saying For It.
>>
>>-----
>>"If you want to put out the fire, do not add oil."
>>Translated: Add not fuel to the flame.
>>
>> Dennis Marandos - K1LGQ
>> Nashua, New Hampshire
>>
>>
>>
de AA1IK (Lead by example, It is much easier)
(to pull a string than it is to push it.)
Ernie Gregoire ()
Canaan, NH. ()
(-----)

e-mail : GREGOIRE@VALLEY.NET
packet : AA1IK@WA1WOK.FN43FE.NH.USA

From qrp-1@lehigh.edu Tue Sep 19 10:12:00 1995
From: JEVERHART@cayman.vf.mmc.com
Subject: [3281] RE: QRP AFIELD - I can't wait for the next one!
Message-ID: <950918184506.20a03c63@carib.vf.mmc.com>

Dennis, you wrote, in part:

>However, alas,the transistor gods on MT Olympus have deemed it necessary to
>point their finger in jest and have zapped my rig to dust! No signal will
>ever prevail from the ashes of this phoenix for it has been destroyed.

I have a simple explanation, for your mishap, the transistor gods are like all others - they don't tolerate SWR'ing at them. Sorry I couldn't resist :-).

It was super to work you, and you must have done well in replacing the transistor because you were a good 579 here in south Jersey!

Also managed to work other notables: NN1G (probably using one of his own rigs), W1FMR/M who reported he was using a Hamstick (doubtless driving very slowly so it wouldn't fall off!), and Ernie, AA1IK (wonder if W1AW was clobbering his QRP+).

Almost worked WA8LCZ (again). It seems every time we try to make a contact, the band changes and we lose each other to fading or QRM!

About 2000Z I heard a weak CQ from K5F0 on 40 meters. Alas he didn't hear my reply.

It was a fun time all in all. I'll give you a fuller report for 72!

72/73,

Joe E., N2CX

From qrp-1@lehigh.edu Tue Sep 19 10:12:00 1995
From: cebik@UTKVBX.UTCC.UTK.EDU
Subject: [3270] Re: QRP Periodicals List, V. 1.2
Message-ID: <Pine.PMDF.3.91.950918111734.543381207F-100000@utkvx.utk.edu>

To all,

Please note Jim's correction of a crucial omission in my instructions for e-mail GETTING of the periodicals file--same format would apply to all such GET commands. Thanks Jim.

-73-

LB, W4RNL

> [...]
> > To obtain a copy of the list, address a message to LISTSERV@LEHIGH.EDU
> > with no subject line. In the text, just write GET BOOKS/PERIODICALS.LIST
>
> That should be:
>
> GET QRP-L/BOOKS PERIODICALS.LIST
>
> Or via anon FTP:
>
> <ftp://ftp.lehigh.edu/pub/listserv/qrp-l/books/periodicals.list>
>
> Jim N3VXI
>

From qrp-l@lehigh.edu Tue Sep 19 10:12:00 1995
From: GREGOIRE@VALLEY.NET (ERNEST GREGOIRE)
Subject: [3267] Re: QRP-NE; well how'd ya do?
Message-ID: <199509181501.LAA04104@dartvax.dartmouth.edu>

Hello Bill, and gang,

I did 13 contact and discounted 2 of them because I missed something. I ended up with 11 contacts, 4 points each, 11 multiplier and a score of 484.

Dx was FB1TIK, on 20 meters using a V dipole hung sideways, (one end at the top of the vert, and one end tied off near the base) as a guy from a "Walking stick" 1/4 wave verticle and VE3IKP, on 40m.

Most interesting QSO was WB3GCK, he was on a motor cycle! He must have split personalities, one to drive and one to send CW.

I was sweaty from putting up antennas, and as the afternoon wind picked up I got colder and colder. I ended up with 2 seaters and a rain coat on, and my face got wind burned.

I didn't see any news about this contest in any ham magazine at all. We need a publicity man\ repporter for the NE QRP CLUB.

I volunteer, how bout it Jim?

73 de AA1IK
<SNIP>>

>
> Didn't get a chance to total everything up, but I figure 15

```

> QSO's, +/- 8 mult, 4 points each, about 500 points. Not bad for
> about 4 hours of operating, all 40 or 20.
>
> Best QSO: answering Dave, FY/DJ0xx/QRP's CQ on 20, 449 both ways.
>
> Lots of QSB and QRN in New England... but I'm not complaining;
> Sunday was our first rain in several weeks.
>
>
> And everyone else?
>
> b
>
>
> . . . . . - I own my own words - . . . . .
>
> Bill Acito |d|i|g|i|t|a|l|
> acito@asdg.enet.dec.com Digital Equipment Corporation
> Hudson, MA
>
> KC1GS ... qrp-ne 260 ... norcal 1147 ... qrp-arci 8955 ... arrl life
>
>
>
> de AA1IK ( Lead by example, It is much easier )
> ( to pull a string than it is to push it.)
> Ernie Gregoire ( )
> Canaan, NH. ( )
> ( )
> ( )
>
> e-mail : GREGOIRE@VALLEY.NET
> packet : AA1IK@WA1WOK.FN43FE.NH.USA

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